During the latter half of the nineteenth century, unloading the huge shipments of iron ore delivered by boat from Lake Superior to the lower Great Lakes quickly became a bottleneck. Docks used manpower, mules and wheel barrows, shovels and buckets, hoists and cables, and other odd contraptions—all at a painstakingly slow pace.

Not long after arriving in Cleveland with his parents in the 1860’s, George Hulett became fascinated with the sweat and strain of ore unloading on Whiskey Island. By the late 1890’s Hulett had invented the monster that would revolutionize the industry, reducing the time to unload 1000 tons of ore from 7 days to one hour, at 20% the previous cost. From 1900 to 1992, Hulett Ore Unloaders reigned supreme as the fastest, most efficient ore unloaders on the Great Lakes.

If you can imagine riding a dinosaur’s head while he’s feeding, you can imagine how it would feel to operate a Hulett Ore Unloader. In repose, this monster of the Great Lakes was a hulking giant. In action, it was sheer poetry.
**HULETTS IN OPERATION**

The Hulett was a massive leviathan standing ten stories high, its legs straddled several hopper car freight trains while its neck jutted out over waiting ships. At feeding time, a herd of them resembled a flock of birds sitting on the rim of a glass incessantly tipping forward to drink, then upright again.

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**SUPERSTRUCTURE**: with its four massive legs, supports and moves the entire Hulett side-to-side over the ship’s hold on 24” gauge tracks.

**TROLLEY**: moves the walking beam and bucket arm front-to-rear along the superstructure from the ship’s hold to the receiving hopper.

**WALKING BEAM**: moves the bucket arm up and down.

**BUCKET ARM**: contains an operating cab, controls for opening and closing the bucket, and moving the bucket left to right inside the ship’s hold.

**RECEIVING HOPPER**: receives ore from bucket then discharges ore into the Larry Car.

**LARRY CAR**: collects ore from receiving hopper and moves front-to-rear under superstructure, depositing ore into waiting railroad hopper cars or into a holding pile.

**PUSHER LOCOMOTIVE**: electric locomotive positions hopper cars under Larry Car for loading then moves the loaded hoppers to the train staging track.
Proudly offered by the Ohio Museum of Transportation and Industry, this limited edition, fine scale metal model is the most detailed replica of the Hulett Ore Unloader ever produced. Designed from the original builder’s erection drawings, detailed photographs, videos and Library of Congress research materials, the model displays features and mechanisms rarely seen before.

Model measures: length: 29”, width: 8.5”, height: 24” (with walking beam raised)

**Limited Edition with Serial Number Plate**

100 1.48 (O) scale models

**Fully Lighted!**
for nighttime operation

The pilot model shown here represents only some of the meticulous detail that will be featured on the final production model. The model is designed to allow a skilled modeler to motorize some or all of the operational functions.

**OPERATIONAL FUNCTIONS**

- Hulett moves side-to-side over the ore carrier
- Walking beam moves back-and-forth between the ship’s hold and stationary receiving hopper
- Bucket lowers into hold, picks up ore and discharges ore into receiving hopper
- Receiving hopper discharges ore into Larry car
- Larry car moves front-to-back, collecting ore from receiving hopper and transferring it to waiting hopper rail cars, or to a concrete holding bay
**TERMS OF SALE**

The Ohio Museum of Transportation & Industry is a 501(c)3 federal non-profit organization. Your purchase of one or more Hulett models can be considered a contribution to OMTI. However, the IRS rules require that the value of the Hulett(s) be deducted from your contribution. Therefore, your net tax deductible charitable contribution per Hulett model is a maximum of $1,995.00. A full refund of any deposits paid to OMTI for any Hulett Models will be returned if OMTI fails to deliver the model by October 1, 2011.

**MONEY BACK GUARANTEE**

If you are not satisfied with the Hulett model when you receive it, you may return the undamaged model (via UPS insured) within 10 days of receipt and receive a full refund (purchase price not including shipping).

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**THE HULETT ORE UNLOADER ORDER FORM**

**OMTI Contribution with Premium (minimum contribution half of order total)**

**PAYMENT OPTIONS:**

- **one model, $2,750.00 down, balance prior to shipping**  
  $5,495.00
- **one model, paid in full with order**  
  $5,000.00
- **two models, $5,300.00 down, balance prior to shipping**  
  $10,600.00
- **two models, paid in full with order**  
  $9,500.00

*does not include air freight from China. Buyer will be contacted prior to ship date.

**PAYMENT TYPE:**

- check or money order  
  payable to OMTI.  
  *(required for tax deduction eligibility)*

To pay by Visa, MasterCard, Amex or Discover, call 1-800-591-1171.  
*(Credit card charges will appear as “DHS Diecast” on your statement)*

**SHIPPING INFORMATION:**

- name: ____________________________________________
- address 1: ________________________________________
- address 2: ________________________________________
- city/state: ________________________________________
- zip/postal code: ______________________ country: ______
- phone (including area code): _______________________
- email: __________________________________________

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I have read the TERMS OF SALE.  

signature: ________________________________________
The Ohio Museum of Transportation and Industry (OMTI) was founded on the belief that the critical role Ohio inventors and companies have played in the development of our nation’s transportation infrastructure should be preserved and celebrated. The Hulett Ore Unloader is the first of many museum quality scale model projects being launched to raise funds for the newly formed Museum.

Our philosophy is simple—a commitment to excellence. We have spent 3 years developing the Hulett model and have made every effort to replicate the machine in exact detail. Our model builder has a proven track record of creating super detailed, world-class works of art.